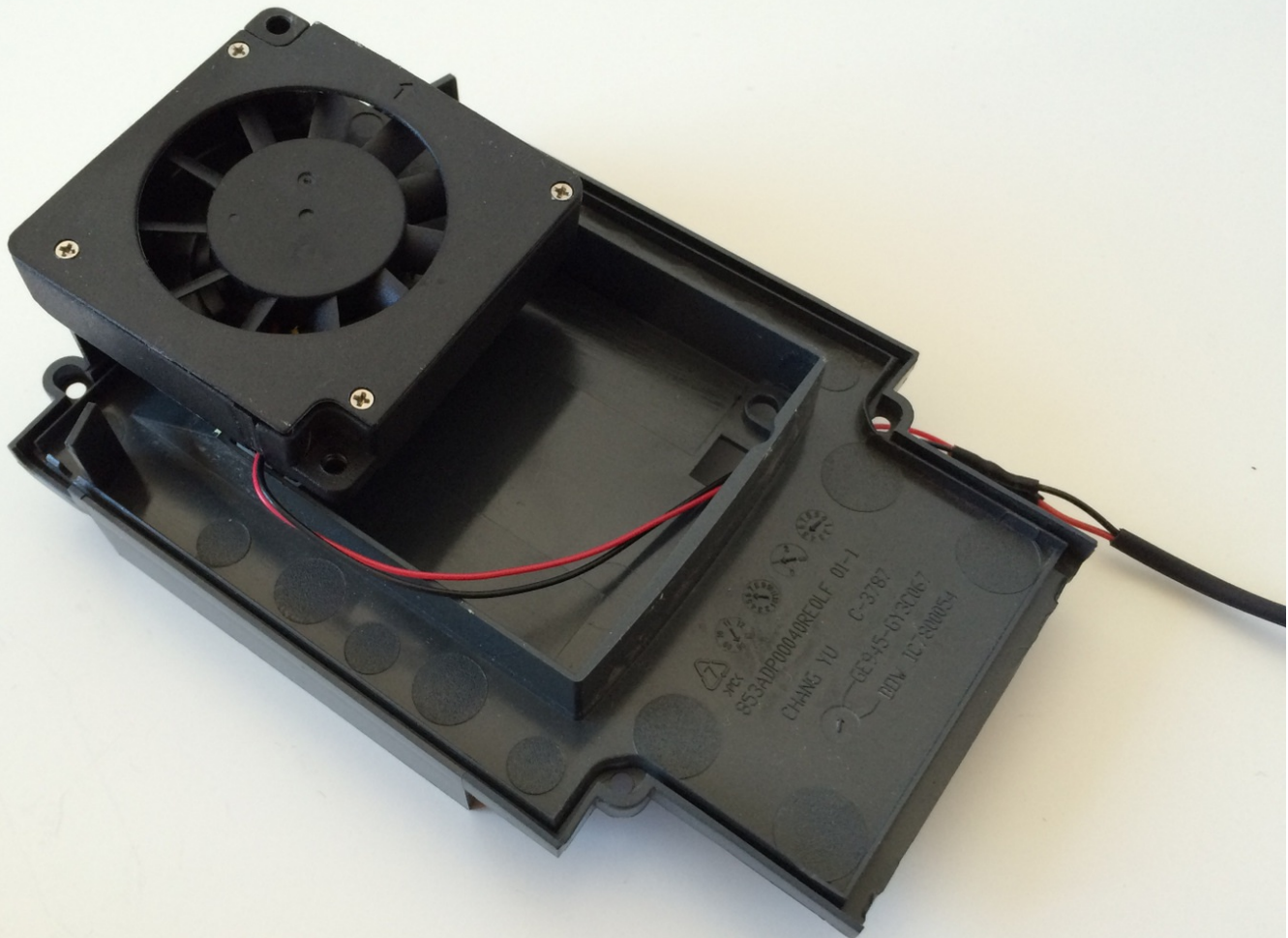




XBOX 360 Power Brick Fan Replacement

If your XBOX 360 power supply sounds like a little dragon's trapped inside, it's probably high time you change the fan.

Written By: Darie H



INTRODUCTION

If your XBOX 360 power supply sounds like a little dragon's trapped inside, it's probably high time you change the fan.



TOOLS:

- Philips Screwdrivers (one normal, one small)
(1)



PARTS:

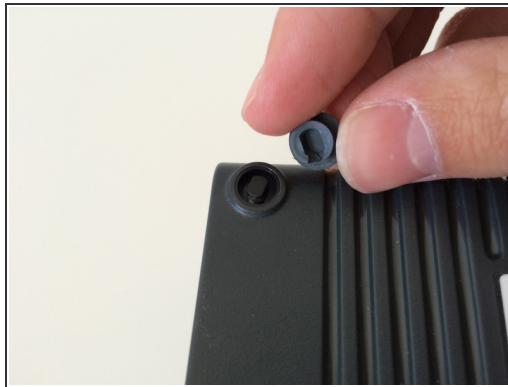
- ~ 38 mm fan (1)

Step 1 — The Problem !



- This is how my power brick sounded when I decided I couldn't bear it anymore

Step 2 — Taking off the Screws



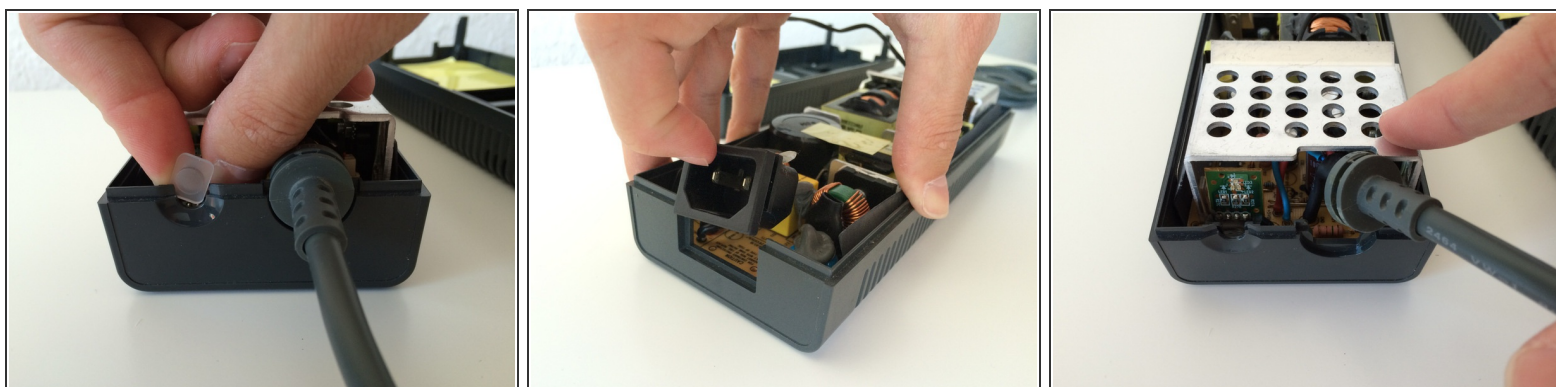
- To take off the 4 screws, you need to pry off the rubber feet
- Most of the time, the rubber part will become detached from the plastic one
- Use pliers if necessary

Step 3 — Open up the case



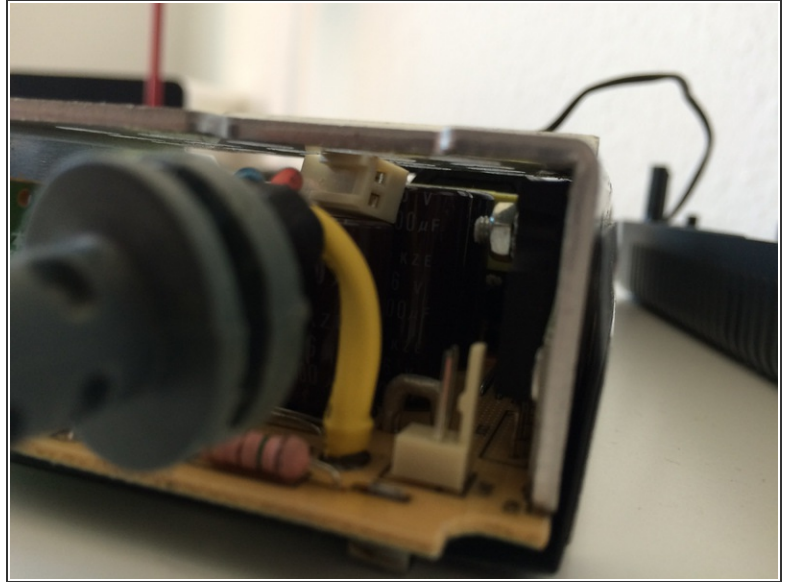
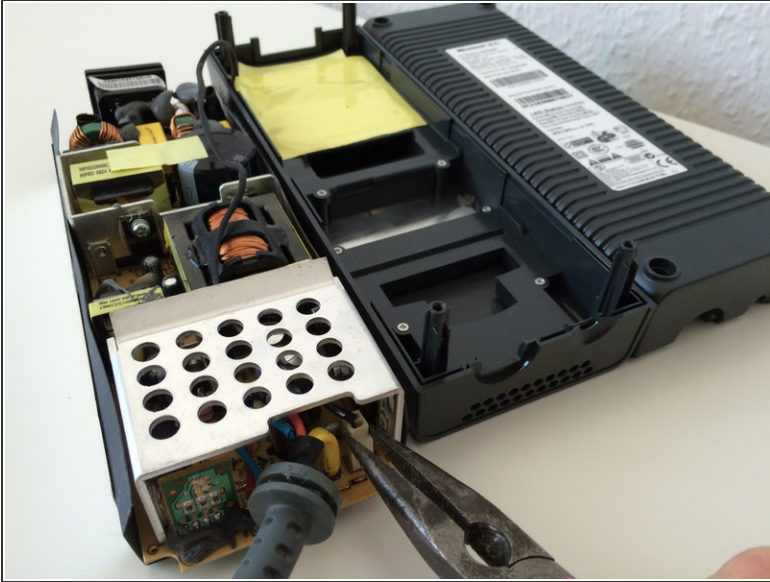
- After removing the 4 screws, pry along the edge to get the two halves separated

Step 4 — Remove PCB from main housing



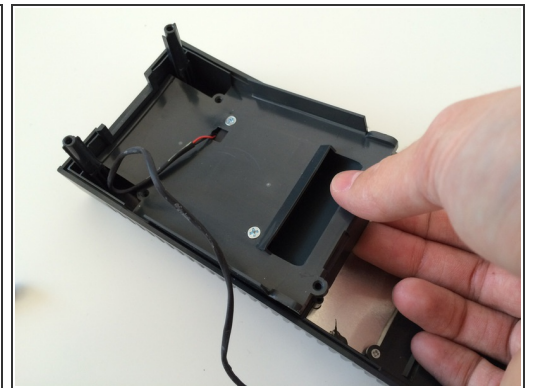
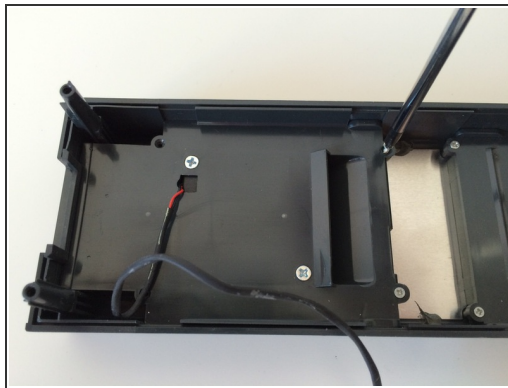
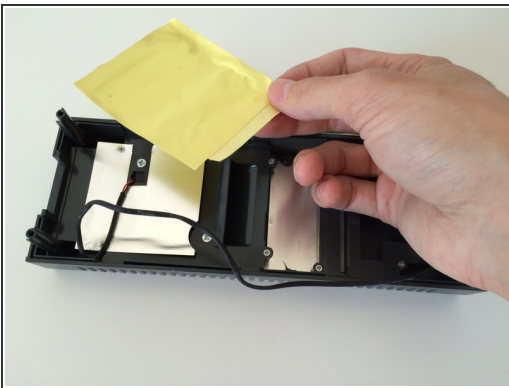
- Lift up the light diffuser
- Lift up the power-connector & DC out wire
- The main board should come out relatively easily now.

Step 5 — Disconnect the Fan



- Disconnect the fan from under the main heatsink.
- Be careful when pulling the wire out, as it usually gets stuck between the heatsink and capacitors - patience is, as always, key

Step 6 — Taking Fan Assembly Out of Upper Case



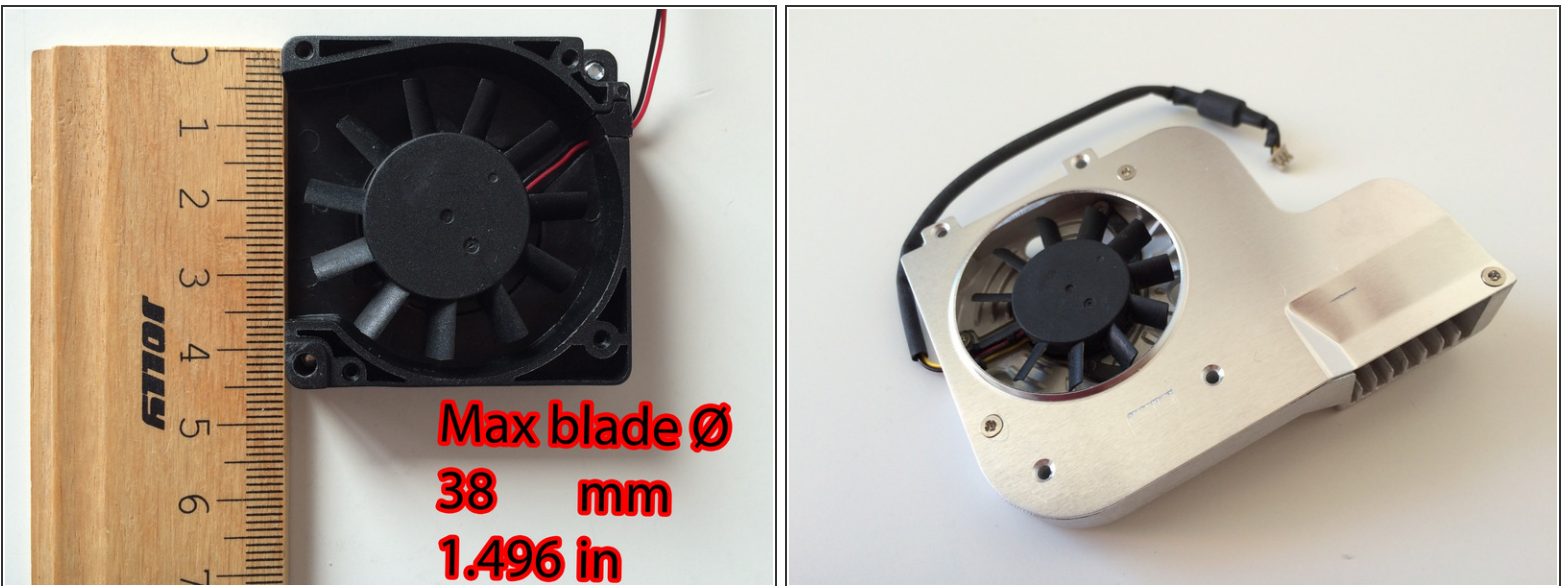
- First - just take out the two smaller screws, whilst leaving in the two bigger ones
- After that's done, only a few clamps hold the assembly in

Step 7 — More Screws ...



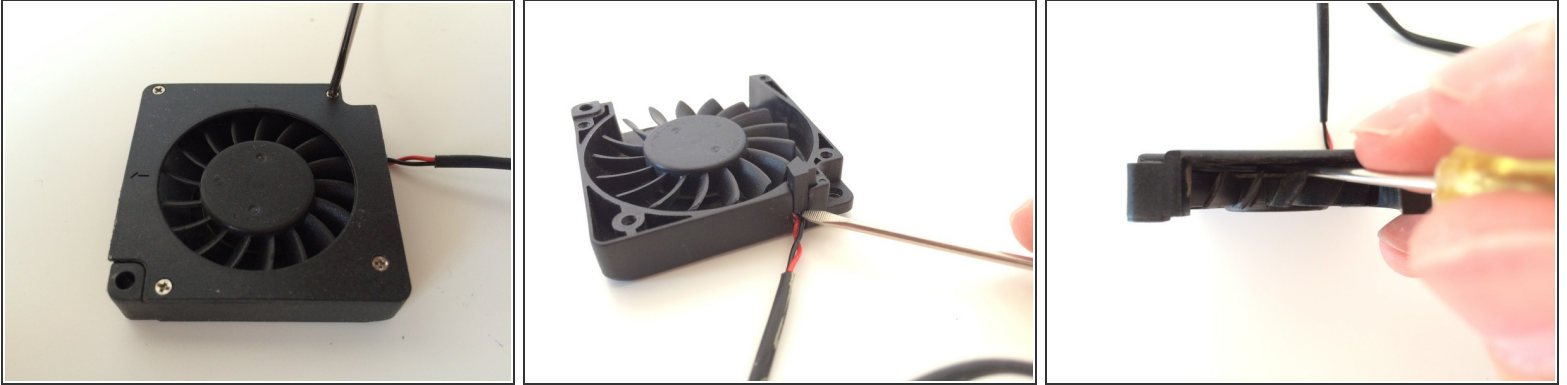
- There is yet another sub-assembly holding the fan in - I tip my hat to whoever designed this

Step 8 — Fan Size



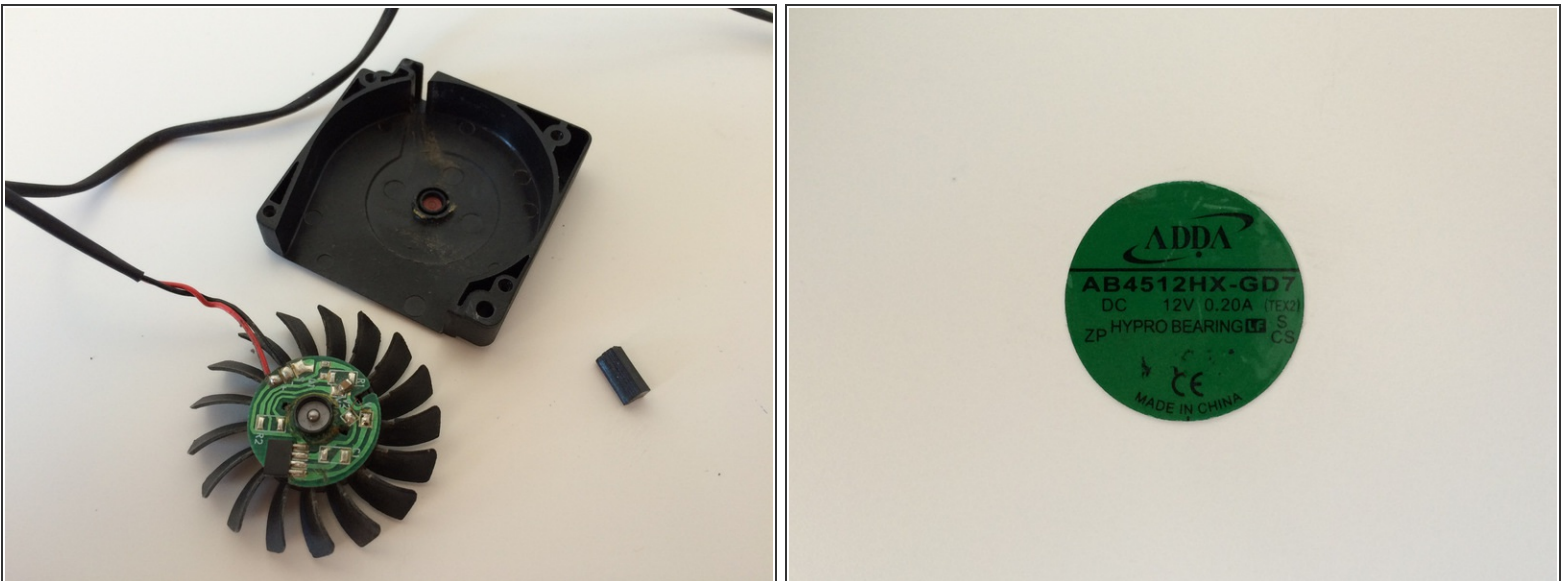
- The dimension of the fan-holder in my unit might differ from yours, as Microsoft seems to use different suppliers each day for good reasons (such as probably getting more air-flow related complications packed in)

Step 9 — Removing the Fan



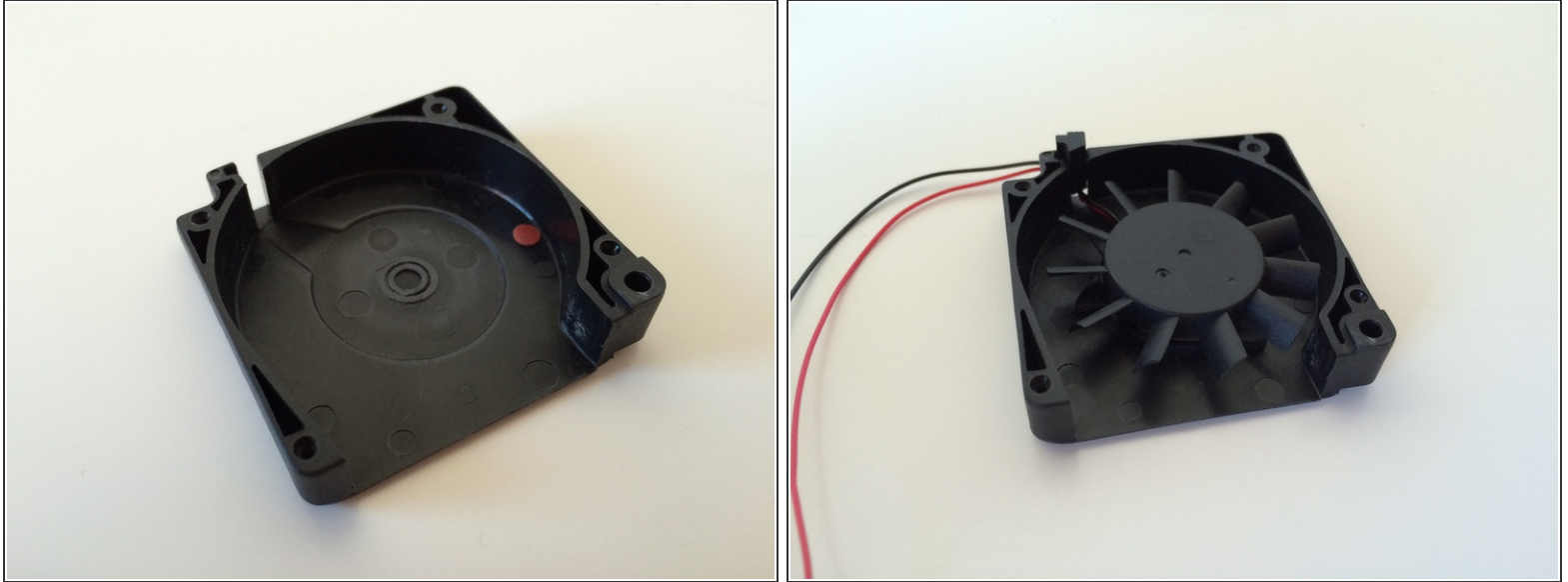
- To actually get to the fan, the faceplate needs removing as well
- Once that's done, there's a pin holding the wire down
- As you probably won't be reusing the piece of junk fan that brought you to this guide, I suggest you go medieval prying it out - works a treat

Step 10 — Replacing the Fan



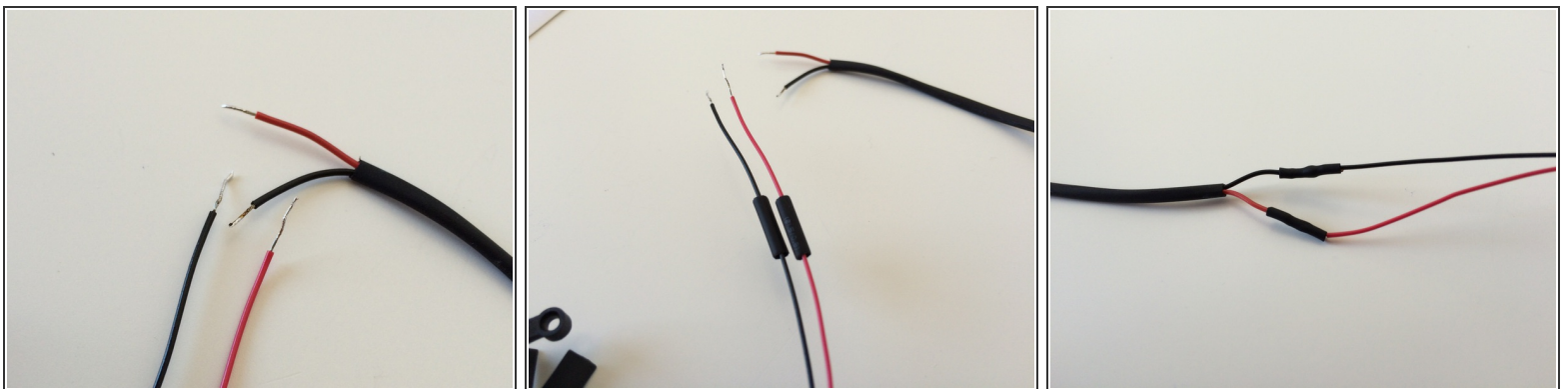
- With the fan out, the next step is fitting in a replacement
- !!! Make sure to get a 12V fan, of correct dimensions
- I got mine from an old laptop cooler

Step 11 — Mounting new Fan



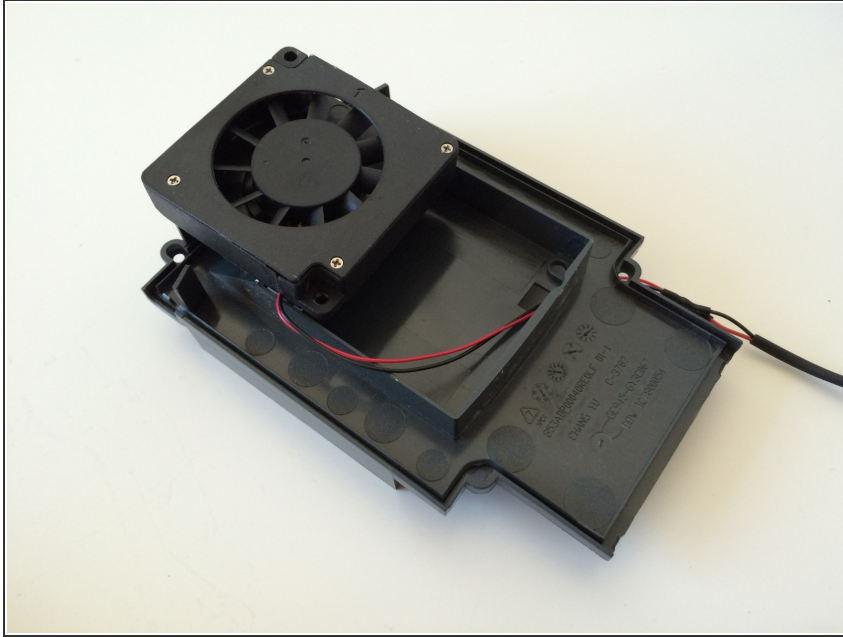
- I first sanded down the little protrusion which held the old fan in place
- Then used some epoxy resin (Poxipol) to glue down the new fan
- To maximize airflow, mount it skewed to the right (from 2nd picture's point of view)

Step 12 — Connecting & Testing



- Before the resin sets - make sure your fan can spin freely
- Prep the wire ends by applying solder to them
- Next, feed some tiny shrink wrap over the cable, THEN solder them together (somehow I always end up having to desolder stuff ...:)

Step 13 — Done !



- Just put everything back together, and hopefully you found the right fan that's weak enough to not be louder than your XBOX

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